

Image may be representation.
See specifications for product details.



5CEBA2U15I7N

Manufacturer Part Number	5CEBA2U15I7N
Manufacturer	Intel
Allelco Part Number	32D-5CEBA2U15I7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 176 I/O 324UBGA
Package	324-LFBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone V Device Handbook.pdf Cyclone V Device Overview.pdf
RoHs Status	RoHS Compliant

Get a Quote

5CEBA2U15I7N - Intel.New Original in Stock. Download Linear Technology 5CEBA2U15I7N datasheet/specifications on AllelcoElec.com.
Request a quote for 5CEBA2U15I7N, please send us email: info@allelco.com

Specifications

5CEBA2U15I7N Tech Specifications
5CEBA2U15I7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.07V ~ 1.13V	Number of Logic Elements/Cells	25000
Total RAM Bits	2002944	Number of LABs/CLBs	9434
Supplier Device Package	324-UBGA (15x15)	Number of I/O	176
Series	Cyclone® V E	Mounting Type	Surface Mount
Package / Case	324-LFBGA	Base Product Number	5CEBA2
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CEBA2U15I7N

Product Attribute				
Part Number	5CEBA2U15I7N	5CEBA4F17C8N	5CEBA4F23C8N	5CEBA2U15C7N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® V E	Cyclone® V E	Cyclone® V E	Cyclone® V E
Package / Case	324-LFBGA	256-LBGA	484-BGA	324-LFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	176	128	224	176
Base Product Number	5CEBA2	5CEBA4	5CEBA4	5CEBA2
Supplier Device Package	324-UBGA (15x15)	256-FBGA (17x17)	484-FBGA (23x23)	324-UBGA (15x15)
Number of Logic Elements/Cells	25000	49000	49000	25000
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V
Total RAM Bits	2002944	3464192	3464192	2002944
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	9434	18480	18480	9434

5CEBA2U15I7N Datasheet PDF

Download 5CEBA2U15I7N pdf datasheets and Intel documentation for 5CEBA2U15I7N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone V Device Handbook.pdf](#)
- [Cyclone V Device Overview.pdf](#)

PCN Packaging

- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Design/Specification

- [Quartus SW/Web Chgs 23/Sep/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

- [2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



5CEBA4F17C8N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA4F23C8N
Intel
IC FPGA 224 I/O 484FBGA



5CEBA2U15C7N
Intel
IC FPGA 176 I/O 324UBGA



5CEBA4F17C7N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA2F23C7N
Intel
IC FPGA 224 I/O 484FBGA



5CEBA4U15C8N
Intel
IC FPGA 176 I/O 324UBGA



5CEBA4U15C7N
Intel
IC FPGA 176 I/O 324UBGA



5CEBA2F17C8N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA2F17I7N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA2F17C6N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA2F17I7N
Altera (Intel)




5CEBA4F17I7N
Intel
IC FPGA 128 I/O 256FBGA



5CEBA4F23C7N
Intel
IC FPGA 224 I/O 484FBGA



5CEBA4U15C6N
Intel
IC FPGA 176 I/O 324UBGA



5CEBA2F23C8NFA
Altera (Intel)



5CEBA2F23C8N
Intel
IC FPGA 224 I/O 484FBGA



5CEBA2U15C8N
Intel
IC FPGA 176 I/O 324UBGA



5CEBA2U19C8N
Intel
IC FPGA 224 I/O 484UBGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

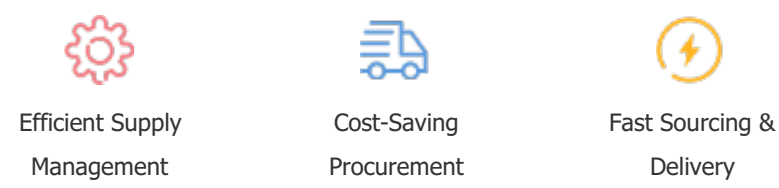
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

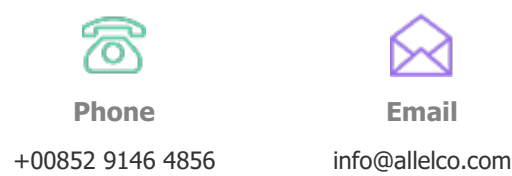
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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